(Practitioner's Docket No. IN-5554/BC0027)

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated below.

- 1-20 (Canceled).
- 21. (Currently Amended) A <u>curable</u> composition comprising a <u>curable</u> reaction product comprising two or more monomer units, the <u>curable</u> reaction product having a molecular weight polydispersity Mw/Mn of from 1.3 to 10, and the two or more monomer units being derived from a positionally isomeric diethyloctanediol monomer having a structure defined by a linear eight carbon chain, two ethyl groups and two hydroxyl groups, wherein the two ethyl groups are in at-least-one of the following substitution patterns: 2,3; 2,4; 2,5; 2,6; 2,7; 3,4; 3,5; 3,6; or 4,5; and the two hydroxyl groups are in at-least one of the following substitution patterns: 1,2; 1,3; 1,4; 1,5; 1,6; 1,7; 1,8; 2,3; 2,4; 2,5; 2,6; 2,7; 2,8; 3,4; 3,5; 3,6; 3,7; 3,8; 4,5; 4,6; 4,7; 4,8; 5,6; 5,7; 5,8; 6,7; 6,8; or 7,8.
- 22. (Canceled)
- 23. (Previously Presented) The composition of claim 21, wherein the positionally isomeric diethyloctanedial is a 2,4-diethyloctanedial.
- 24. (Canceled)
- 25. (Previously Presented) The composition of claim 21, wherein the positionally isomeric dicthyloctanediol is a diethyloctane-1,5-diol.
- 26. (Previously Presented) The composition of claim 21, wherein the positionally isomeric diethyloctanediol is a 2,4-diethyloctane-1,5-diol.
- 27. (Previously Presented) The composition of claim 21, wherein the reaction

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product is at least one of a polyaddition reaction product or a polycondensation reaction product.

- 28. (Previously Presented) The composition of claim 27, wherein the reaction product comprises at least one of a polyether, a polyester, a polycarbonate, a polyurethane, a polyurea, a polyamide, a polyimide, an ether copolymer, an ester copolymer, a carbonate copolymer, a urethane copolymer, a urea copolymer, an amide copolymer, or an imide copolymer.
- 29. (Previously Presented) The composition of claim 28, wherein the reaction product comprises at least one of a polyester, a polyurethane, a polyester-co-polyether, a polyester-co-polycarbonate, a polyester-co-polyurethane, a polyester-co-polyurea, or a polyester-co-polyimide.
- 30. (Currently Amended) The composition of claim 21, wherein the reaction product has a structure that is at least one of <u>crosslinked microparticles</u>, linear, branched, block, comb, random, <u>or core/shell construction</u>, <u>or crosslinked microparticles</u>.
- 31. (Previously Presented) The composition of claim 21, wherein the reaction product comprises at least one of
 - i) functional groups that undergo crosslinking reactions with complementary functional groups present in at least one of the reaction products themselves and in separate compounds, or
 - ii) functional groups, which on exposure to actinic radiation, react with at least one of one another and with other groups.
- 32. (Previously Presented) The composition of claim 21, wherein the reaction productis grafted with one or more olefinically unsaturated monomers.
- 33. (Previously Presented) The composition of claim 21, wherein the composition

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is one of a molding compound, an adhesive, a coating material, or a paint.

- 34. (Previously Presented) The composition of claim 21, wherein the composition is one of a molding, a film, a fiber, an adhesive film, or a coating.
- 35. (Previously Presented) A method comprising applying the composition of claim 21 to a substrate.
- 36. (Previously Presented) The substrate prepared by the method of claim 35.
- 37. (Previously Presented) The method of claim 35, wherein the substrate is one of a motor vehicle body, an industrial component, an electrical component, a coil, a package, or furniture.

38 - 41, (Canceled)

- 42. (Currently Amended) A <u>curable</u> composition comprising a <u>curable</u> reaction product comprising two or more monomer units, the <u>curable</u> reaction product having a molecular weight polydispersity Mw/Mn of from 1.3 to 10, and the two or more monomer units being derived from a positionally isomeric diethyloctanediol monomer that is one of a 2,4-diethyloctanediol or a diethyloctane-1,5-diol.
- 43. (Previously Presented) The composition of claim 42 wherein the monomer is 2,4-diethyloctane-1,5-diol.